



**CSMSS**  
CHHATRAPATI SHAHU MAHARAJ SHIKSHAN SANSTHA'S  
**COLLEGE OF POLYTECHNIC**  
KANCHANWADI, PAITHAN ROAD, CHHATRAPATI SAM BHAJINAGAR  
**COMPUTER ENGINEERING DEPARTMENT**  
CONTACT NO. 0240-2646406, 402, 404



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| <b>CSMSS Polytechnic, Aurangabad</b> | <b>Assignment No. 1</b>              | <b>Year: 2023-24</b>              |
| <b>Subject: MAD (22617)</b>          | <b>Unit No: 1</b>                    | <b>Mr. M. A. DHOPTE</b>           |
| <b>Date of Display:18/01/2024</b>    | <b>Date of Submission:23/01/2024</b> | <b>Total no of Questions : 09</b> |

1. Describe Android and importance of OHA. (chap1)
2. Explain any four features of Android. (chap 1)
3. State difference between Windows OS and Android OS. (chap 1)
4. List various IDEs that can be used to execute Android Operating System. (chap 1)
5. Describe need of Android. (chap 1)
6. Draw and explain Android Architecture. (chap 1)
7. With neat diagram, show the major components of Android stack. ( chap 1)
8. What are the benefits of Content providers? (chap 1)
9. Explain Android eco system. (chap 1)



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| <b>CSMSS Polytechnic, Aurangabad</b> | <b>Assignment No. 2</b>              | <b>Year: 2023-24</b>              |
| <b>Subject: MAD (22617)</b>          | <b>Unit No: 2</b>                    | <b>Mr. M. A. DHOPTE</b>           |
| <b>Date of Display:29/01/2024</b>    | <b>Date of Submission:04/02/2024</b> | <b>Total no of Questions : 06</b> |

1. List various tools or IDE (with installation step of any one) used for android application development. (chap2)
2. Explain Android SDK and Java SDK. (chap 2)
3. Describe role of Emulator.(chap 2)
4. State the steps for creating Virtual device. (chap 2)
5. Compare JVM and DVM. (chap 2)
6. Explain the steps to install and configure Android Studio and SDK. (chap 2)



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| <b>CSMSS Polytechnic, Aurangabad</b> | <b>Assignment No. 3</b>               | <b>Year: 2023-24</b>              |
| <b>Subject: MAD (22617)</b>          | <b>Unit No: 3</b>                     | <b>Mr. M. A. DHOPTE</b>           |
| <b>Date of Display: 07/02/2024</b>   | <b>Date of Submission: 13/02/2024</b> | <b>Total no of Questions : 13</b> |

1. Describe activity and Manifest file in detail. (chap 3)
2. List various Components of Android UI Design. (chap 3)
3. Explain String and Layout File. (chap 3)
4. List various attributes which can be used with any layout managers. (chap 3)
5. List and explain files associated with build.gradle. (chap3)
6. Describe Linear and frame layout. (chap 3)
7. Explain Screen component. (chap 3)
8. Develop an android application by using table layout or relative layout. ( chap 3)
9. Write a program to place Name, Age, and mobile number centrally on the display screen using absolute Layout. (chap 3)
10. Write a program to display 10 students basic information in a table form using Table Layout. (chap 3)
11. Develop an android application by using table layout and relative layout. (chap 3)
12. Develop a simple calculator using table layout. (chap 3)
13. Describe linear and frame layout. (chap 3)